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ABSTRACT:

PURPOSE: To provide an antioxidation preparation consisting of a composition composed of a specific polyamine and an oil and fat, capable of keeping the stability and antioxidation effect over a long period and useful e.g. for preventing the deterioration of the quality of feeds, foods, etc., especially those containing a highly unsaturated fatty acid.

CONSTITUTION: This antioxidation preparation is an oil and fat composition containing (A) one or more substances selected from spermine, spermidine and putrescine and (B) an oil and fat (preferably soybean oil, rapeseed oil, corn oil or medium-chain fatty acid triglyceride). The amount of the component A is preferably 0.01-70wt.%, especially 2-10wt.% based on the total oil

and fat  
composition. The content of spermidine is preferably  $\geq 30$ wt.% and  
the sum of  
spermine and spermidine is preferably  $\geq 50$ wt.%. The composition is  
preferably further incorporated with tocopherol and/or an L-ascorbic  
acid fatty  
acid ester. An emulsified composition produced by emulsifying the  
above  
composition as the oil phase and ascorbic acid, etc., as the water  
phase is  
also useful as an antioxidation preparation.

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